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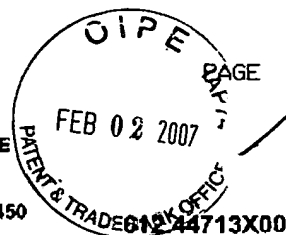
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ANTONELLI, TERRY STOUT & KRAUS, LLP
1300 NORTH SEVENTEENTH STREET
SUITE 1800
ARLINGTON, VA 22209-3873

32/02/2007 K02BRE12 61244713X00

01 FC:1500
02 FC:1504
03 FC:6001

1400.00 CP
300.00 CP
12.00 CP

Ricardo E. Perez (Depositor's name)
Ricardo E. Perez (Signature)
02/02/2007 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/525,960	02/28/2005	Nicolas Couenne	612.44713X00	3157

TITLE OF INVENTION: METHOD OF OPTIMIZING THE OPERATION OF A XYLENE SEPARATION UNIT USING SIMULATED COUNTERCURRENT

APPL TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
Nonprovisional	NO	\$1400	\$300	\$1700	02/09/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
THERKORN, ERNEST G	1723	210-656000

1. Change of correspondence address or indication of "Fee Address": (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached, agents OR, alternatively,

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys: 1. ANTONELLI, TERRY, STOUT AND KRAUS, LLP.

Or agents OR, alternatively,
(2) the name of single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

INSTITUT FRANCAIS DU PETROLE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

92852 RUEIL MALMAISON CEDEX, FRANCE

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order- # of Copies 4

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☐ A check in the amount of the fee(s) is enclosed.
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☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 01-2135 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid Issue fee to the application identified above.
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Typed or printed name **Alan E. Schlavelli**

Date: **FEBRUARY 2, 2007**

Registration No. **32,087**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) An application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and Submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete This form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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MELVIN KRAUS
WILLIAM I. SOLOMON*
GREGORY E. MONTONE
RONALD J. SHORE
DONALD E. STOUT
ALAN E. SCHIAVELLI
PAUL J. SKWIERAWSKI*
ALFRED A. STADNICKI*

DONALD R. ANTONELLI (1935-2005)
*ADMITTED OTHER THAN VA

LAW OFFICES
ANTONELLI, TERRY, STOUT & KRAUS, LLP

SUITE 1800
1300 NORTH SEVENTEENTH STREET
ARLINGTON, VIRGINIA 22209

TELEPHONE (703) 312-8800
FACSIMILE (703) 312-8866
email@antonelli.com

OF COUNSEL
DAVID T. TERRY
JESSICA H. GUI*
LEONID D. THENOR*

PATENT AGENT
LARRY N. ANAGNOS



FACSIMILE TRANSMITTAL SHEET
February 2, 2007

TO: Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RE: U.S. Patent Application No. **10/525,960**
For: METHOD OF OPTIMIZING THE OPERATION OF A XYLENE SEPARATION UNIT USING
SIMULATED COUNTERCURRENT
Filing Date: 02/28/2005
Atty. Docket No. **612.44713X00**

From: Alan E. Schiavelli

Fax Number: (571) 273-2885

Total Number of Pages: 3

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Credit Card Payment Form -- 1 Page

I hereby certify that on February 2, 2007, the above-identified documents are being
facsimile transmitted to the United States Patent and Trademark Office.

Ricardo E. Perez

Name (Print)

Ricardo Perez
Signature